# Volume 30 Author and Subject Index


1P HGLM, 100

**A**

*A Beginner's Guide to Structural Equation Modeling (2nd ed.)* (book review), 259
ability estimation, 84
adjusted alpha, 56
*Aguinis, H.*, 440
alpha, 121
*Analyzing Rater Agreement: Manifest Variable Methods* (book review), 154
answer copying, 412
*Ariel, A.*, 204
*Assessing CAT Test Security Severity* (computer program exchange), 62
attitude measurement, 22
*Automated Essay Scoring: A Cross-Disciplinary Perspective* (book review), 66

**B**

*Balázs, K.*, 322
Bayesian methods, 298
Bayesian model comparison, 3
*Beretvas, S.N.*, 22, 100
*Beyond Significance Testing: Reforming Data Analysis Methods in Behavioral Research* (book review), 452
bias in equating, 355
binary data, 322
*Biswas, A. K.*, 43
*Blais, J.-G.*, 60
*Boeck, Paul De*, 183, 322
*Bolt, D. M.*, 3
*Bonett, D. G.*, 432
book reviews
*A Beginner's Guide to Structural Equation Modeling (2nd ed.)*, 259
*Analyzing Rater Agreement: Manifest Variable Methods*, 154
*Automated Essay Scoring: A Cross-Disciplinary Perspective*, 66
*Beyond Significance Testing: Reforming Data Analysis Methods in Behavioral Research*, 452
*Common Errors in Statistics (and How to Avoid Them)*, 347
*Computer-Aided Multivariate Analysis (4th ed.)*, 262
*Configural Frequency Analysis: Methods, Models, and Applications*, 72
*Developing and Validating Multiple-Choice Test Items (3rd ed.)*, 69
*Effect Sizes for Research: A Broad Practical Approach*, 75
*Equivalence in Measurement: Research in Management (Vol. 1)*, 157
*Introduction to Rasch Measurement*, 443
*Latent Variable Models: An Introduction to Factor, Path, and Structural Equation Analysis (4th ed.)*, 256
*Measuring and Analyzing Behavior in Organizations*, 253
*Test Equating, Scaling, and Linking*, 511
*The SAGE Handbook of Quantitative Methodology for the Social Sciences*, 447
*Value Added Models in Education: Theory and Practice*, 249
*Breithaupt, K.*, 204
*Briggs, D.*, 447

**C**

*Chang, H.-H.*, 62
*Chard, L.*, 157
*Chernyshenko, O.S.*, 216
coefficient alpha, 56
cognitive tests, 271
*Cohen, A. S.*, 509
*Common Errors in Statistics (and How to Avoid Them)* (book review), 347
comprehension tests, 394




© 2006 Sage Publications

# Volume 30 Author and Subject Index


1P HGLM, 100

**A**

*A Beginner's Guide to Structural Equation Modeling (2nd ed.)* (book review), 259
ability estimation, 84
adjusted alpha, 56
*Aguinis, H.*, 440
alpha, 121
*Analyzing Rater Agreement: Manifest Variable Methods* (book review), 154
answer copying, 412
*Ariel, A.*, 204
*Assessing CAT Test Security Severity* (computer program exchange), 62
attitude measurement, 22
*Automated Essay Scoring: A Cross-Disciplinary Perspective* (book review), 66

**B**

*Balázs, K.*, 322
Bayesian methods, 298
Bayesian model comparison, 3
*Beretvas, S.N.*, 22, 100
*Beyond Significance Testing: Reforming Data Analysis Methods in Behavioral Research* (book review), 452
bias in equating, 355
binary data, 322
*Biswas, A. K.*, 43
*Blais, J.-G.*, 60
*Boeck, Paul De*, 183, 322
*Bolt, D. M.*, 3
*Bonett, D. G.*, 432
book reviews
*A Beginner's Guide to Structural Equation Modeling (2nd ed.)*, 259
*Analyzing Rater Agreement: Manifest Variable Methods*, 154
*Automated Essay Scoring: A Cross-Disciplinary Perspective*, 66
*Beyond Significance Testing: Reforming Data Analysis Methods in Behavioral Research*, 452
*Common Errors in Statistics (and How to Avoid Them)*, 347
*Computer-Aided Multivariate Analysis (4th ed.)*, 262
*Configural Frequency Analysis: Methods, Models, and Applications*, 72
*Developing and Validating Multiple-Choice Test Items (3rd ed.)*, 69
*Effect Sizes for Research: A Broad Practical Approach*, 75
*Equivalence in Measurement: Research in Management (Vol. 1)*, 157
*Introduction to Rasch Measurement*, 443
*Latent Variable Models: An Introduction to Factor, Path, and Structural Equation Analysis (4th ed.)*, 256
*Measuring and Analyzing Behavior in Organizations*, 253
*Test Equating, Scaling, and Linking*, 511
*The SAGE Handbook of Quantitative Methodology for the Social Sciences*, 447
*Value Added Models in Education: Theory and Practice*, 249
*Breithaupt, K.*, 204
*Briggs, D.*, 447

**C**

*Chang, H.-H.*, 62
*Chard, L.*, 157
*Chernyshenko, O.S.*, 216
coefficient alpha, 56
cognitive tests, 271
*Cohen, A. S.*, 509
*Common Errors in Statistics (and How to Avoid Them)* (book review), 347
comprehension tests, 394




© 2006 Sage Publications

*Computation of Effect Size for Moderating Effects of Categorical Variables in Multiple Regression* (computer program exchange), 440
*Computer-Aided Multivariate Analysis (4th ed.)* (book review), 262
computer program exchanges
*Assessing CAT Test Security Severity*, 62
*Computation of Effect Size for Moderating Effects of Categorical Variables in Multiple Regression*, 440
*DIFCUT: A SAS/IML Program for Conducting Significance Tests for Differential Functioning of Items and Tests (DFIT)*, 150
*A FORTRAN 77 Program for Comparing Dependent Correlations*, 152
*GGUM2004: A Windows-Based Program to Estimate Parameters in the Generalized Graded Unfolding Model*, 64
*LDIP: A Computer Program for Local Dependence Indices for Polytomous Items*, 509
*SAS Macros to Compute the Descriptive Test Index PDTS*, 345
*SIMCAT 1.0: A SAS Computer Program for Simulating Computer Adaptive Testing*, 60
computerized adaptive testing (CAT), 84, 379, 493
*Configural Frequency Analysis: Methods, Models, and Applications* (book review), 72
confirmatory factor model, 233
construct validity, 394
conversion tables, 167
correlated correlations, 145
correlated errors, 56
covariates, 322
*Cui, W.*, 64
cut-point determination, 271

**D**
DETECT, 322
*Developing and Validating Multiple-Choice Test Items (3rd ed.)* (book review), 69
*DIFCUT: A SAS/IML Program for Conducting Significance Tests for Differential Functioning of Items and Tests (DFIT)* (computer program exchange), 150
differential item functioning, 22
difficulty modeling, 394
DIMTEST, 322
discrepancy measures, 298
*Dolan, C.V.*, 233

**E**
*Effect Sizes for Research: A Broad Practical Approach* (book review), 75
efficiency, 84
*Eggen, T. J. H. M.*, 379
*Embretson, S. E.*, 394
*Engelhard Jr., G.*, 154
equating error, 355
equipercentile equating, 167, 355, 493
*Equivalence in Measurement: Research in Management (Vol. 1)* (book review), 157
estimation, 216
exploratory factor analysis, 233

**F**
factor analysis, 121
*Fang, H.-r.*, 64
*Fearing, B. K.*, 145
feedback control, 84
*A FORTRAN 77 Program for Comparing Dependent Correlations* (computer program exchange), 152
*Fu, J.*, 3

**G**
*Gagné, P.*, 150
generalizability, 121
*GGUM2004: A Windows-Based Program to Estimate Parameters in the Generalized Graded Unfolding Model* (computer program exchange), 64
*Gorin, J. S.*, 394
guessing parameter, 183

**H**
*Hansen, C. R.*, 271
*Hansen, M.*, 271

*Henson, R. K.*, 452
*Hessen, D. J.*, 233
heterogeneity, 322
heteroscedasticity, 432
*Hidegkuti, I.*, 322
hierarchical linear modeling, 22
*Hittner, J. B.*, 152

**I**
ideal point models, 216
interval estimation, 432
*Introduction to Rasch Measurement* (book review), 443
item generation, 394, 469
item parameter drift, 100
item response theory (IRT), 3, 22, 84, 167, 216, 355, 379, 469
item selection, 84, 379
item statistics, 469

**J**
*Johnson, M. S.*, 298

**K**
Kappa statistic, 412
*Kelly, P. A.*, 66
Kendall's tau-a, 43
*Kim, S.-H.*, 509
*Kreiner, S.*, 271

**L**
latent traits, 84, 167
*Latent Variable Models: An Introduction to Factor, Path, and Structural Equation Analysis (4th ed.)* (book review), 256
*LDIP: A Computer Program for Local Dependence Indices for Polytomous Items* (computer program exchange), 509
*Lezotte, D. V.*, 145
*Li, Y.*, 3
*Lin, Y.-H.*, 509
linear model in classical test th.. v. 43
local equating, 355, 493
local homogeneity, 271
longitudinal Rasch model, 100
lower bound, 56

**M**
*Maier, K. S.*, 262
*Mapuranga, R.*, 262
marginal maximum likelihood (MML), 216
marginal modeling, 322
Markov Chain Monte Carlo (MCMC), 3, 216, 469
*Martineau, J. A.*, 249
mathematical programming, 204
*May, K.*, 152
*McDonald, R. P.*, 121
mean squared error of equating, 355
measurement, 121, 233
*Measuring and Analyzing Behavior in Organizations* (book review), 253
*Meijer, R. R.*, 412
mixed Rasch models, 271
model checking, 298
model fit, 167
*Müller, J. M.*, 345
multi-stage testing, 204
multidimensional item response theory (MIRT), 469
multigroup common factor analysis, 233
multilevel Rasch model, 100
*Mun, E.Y.*, 72

**N**
*Nanda, A. O.*, 150
*Nicewander, W. A.*, 167

**O**
observed-score equating, 355
odds ratio, 298
omega, 121
ordinal measures, 43
*Oshima, T. C.*, 145, 150
*Oswald. F. L.*, 253
Outcome Questionnaire, 100

**P**
*p* values, 298
parallel forms, 432
parameter estimation, 22
partial credit model, 469
partial knowledge, 183
*Pastor, D. A.*, 100
PCA, 322

personality, 216
*Pierce, C. A.*, 440
*Pino, G. del*, 183
polytomous items, 22
power, 233, 412
propensity to guess, 183
psychotherapy outcomes, 100

**Q**
*Quenette, M. A.*, 167

**R**
*Rae, G.*, 56
*Raîche, G.*, 60
*Raju, N. S.*, 145
range restriction, 145
Rasch models, 183, 271
*Reckase, M. D.*, 83
reference tests, 493
relative efficiency, 84
reliability, 56, 121
*Revelle, W.*, 121
*Roberts, J. S.*, 64

**S**
sample size, 432
*San Martín, E.*, 183
*SAS Macros to Compute the Descriptive Test Index PDTS* (computer program exchange), 345
*Schwarz, R. D.*, 469
score reporting, 493
security, 204
*Silver, N. C.*, 152
*SIMCAT 1.0: A SAS Computer Program for Simulating Computer Adaptive Testing* (computer program exchange), 60
*Singh, K.*, 256, 259
*Sinharay, S.*, 298
*Skaggs, G.*, 511
*Smith Jr., E.V.*, 69
*Sotaridona, L.*, 412
*Stark, S.*, 216
*Stern, H. S.*, 298

**T**
test characteristic function equating, 493
*Test Equating, Scaling, and Linking* (book review), 511
test score reliability, 43
testlet assembly problem, 204
testlets, 3, 204
*The SAGE Handbook of Quantitative Methodology for the Social Sciences* (book review), 447
*Thomasson, G. L.*, 167
*Thompson, B.*, 75, 347
three-parameter logistic model, 167
*Torre, J. de la*, 216
type I error, 412

**U**
unidimensionality, 167
uniform bias, 233
unreliability, 145

**V**
*Value Added Models in Education: Theory and Practice* (book review), 249
*van der Linden, W. J.*, 355, 412, 493
variability, 432
*Veldkamp, B. P.*, 204
*Verschoor, A. J.*, 379
*von Davier, M.*, 443

**W**
*Wang, Y.*, 64
*Weissman, A.*, 84
*Wicherts, J. M.*, 233
*Williams, N. J.*, 22

**Y**
*Yao, L.*, 469
*Yi, Q.*, 62
*Yovel, I.*, 121

**Z**
*Zhang, J.*, 62
*Zinbarg, R. E.*, 121